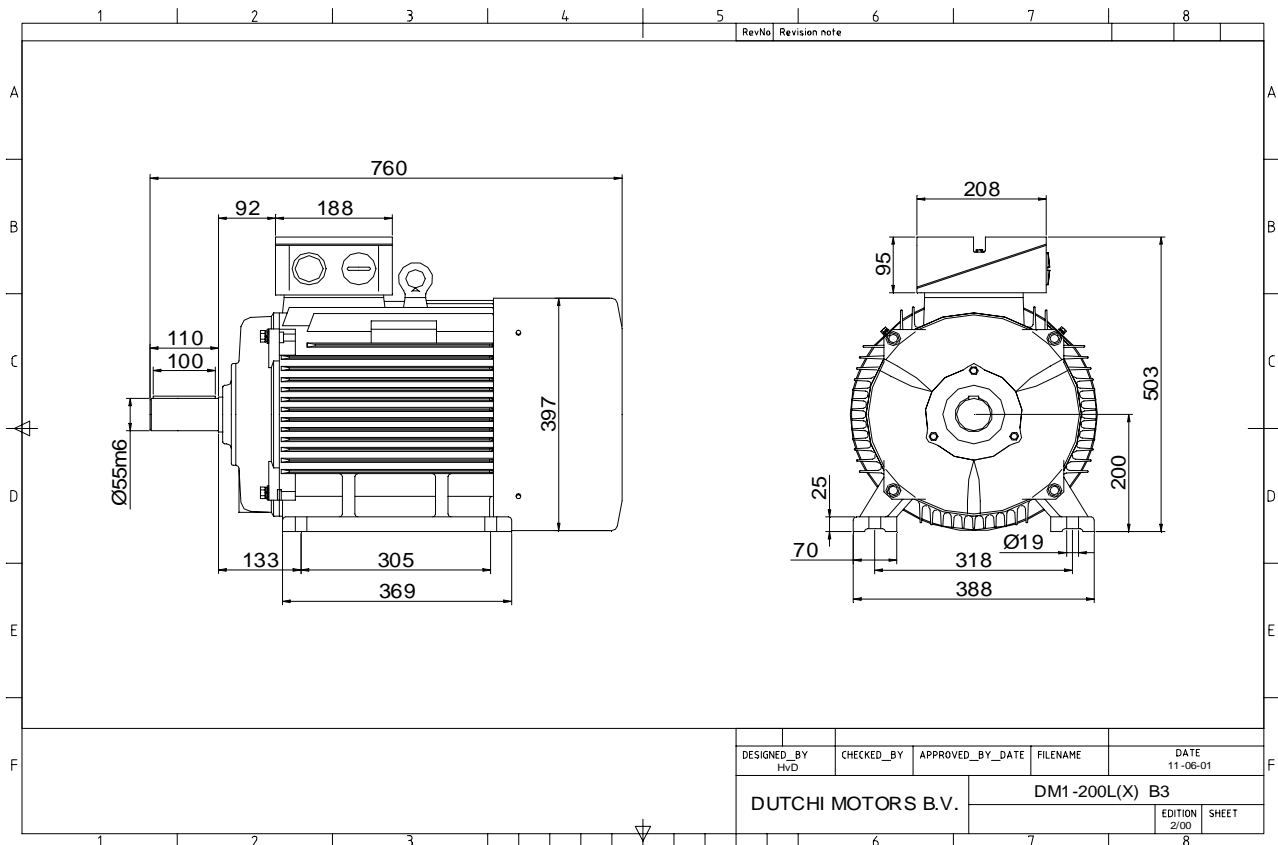


Power is our commodity, the world is our market !



Specification **IEC 60034-1**  
 Manufacturer **Dutchi Motors B.V.**  
 Motor type **DM1- 200 L6**  
 Rated power **18,5** kW **S1** duty  
 Speed **975** r.p.m  
 Voltage **400** / **690** V  
 Frequency **50** Hz  
 Connection **Δ** / **Y**  
 Amps full load **35,3** / **20,4** A  
 Amps no-load(400V) **13,80** A  
 Enclosure **IP 55**  
 Insulation Class **F (temp. rise B (80 K))**

Max. coolant temp. **40°C**  
 Max. altitude **1.000** mtr, above sea level  
 Comment **3 x PTC 150°C**  
 Cable entries **2 x M50x1,5 + 1 x M20x1,5 (ptc)**

Feature **Cast-iron motor**  
 Weight **216** kg  
 Catalog no. **11136A18D**  
 Warranty **12~18 months**

Efficiency class **N/A**  
 Load data 100% 75% 50% 25%  
 Efficiency **90,0 90,1 88,8 82,7** %  
 Power factor **0,84 0,79 0,68 0,47**

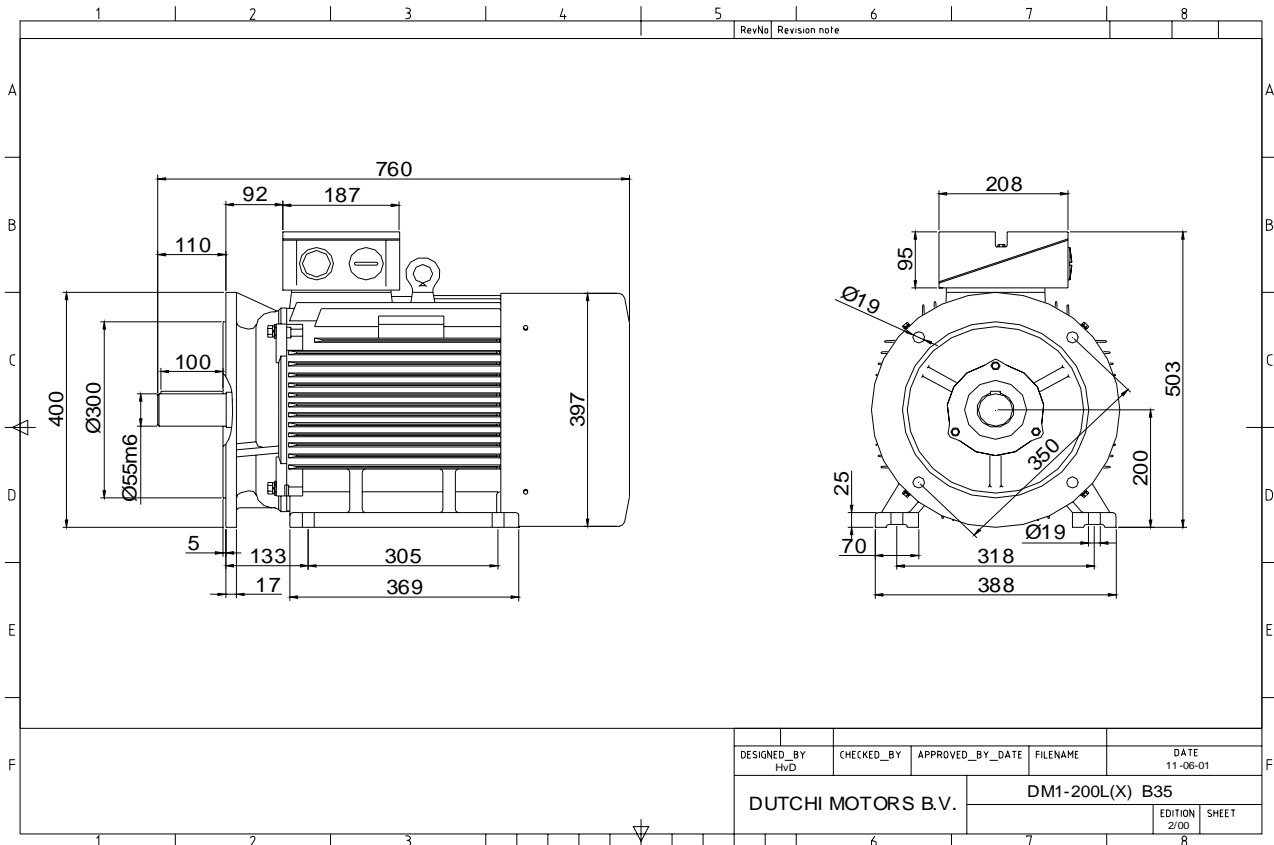
Sound pressure level (1m) **63,1** dB(A)  
 Resistance R20 (open) **0,520** Ω  
 Resistance R20 **Δ 0,347** Ω

Full load torque **181,21** Nm  
 DOL Starting torque vs FL torque **2,09**  
 DOL Pull up torque vs FL torque **1,56**  
 DOL Pull out torque vs FL torque **3,22**  
 Star-Delta Starting torque vs FL torque **0,65**  
 Star-Delta Pull up torque vs FL torque **0,49**  
 Star-Delta Pull out torque vs FL torque **1,01**  
 DOL Starting current vs FL current **6,74**  
 Star Delta Starting current vs FL current **2,11**  
 Rotor Inertia **0,3020** kgm2

Bearing DE **6312 - ZZ C3**  
 Bearing NDE **6312 - ZZ C3**


WI	Change	date	sign.
<b>Dutchi Motors B.V.</b> P.O. Box 5390 NL-6802 EJ ARNHEM Tel : +31-(0)26 - 3541 600 Fax : +31-(0)26 - 3541 650		Description	date
		Drawing made by :	27-04-04
		<b>dutchi.motors@dutchi.nl</b> <b>www.dutchi.com</b>	

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Specification **IEC 60034-1**  
 Manufacturer **Dutchi Motors B.V.**  
 Motor type **DM1- 200 L6**  
 Rated power **18,5** kW **S1** duty  
 Speed **975** r.p.m  
 Voltage **400 / 690** V  
 Frequency **50** Hz  
 Connection **Δ / Y**  
 Amps full load **35,3 / 20,4** A  
 Amps no-load(400V) **13,80** A  
 Enclosure **IP 55**  
 Insulation Class **F (temp. rise B (80 K))**

Max. coolant temp. **40°C**  
 Max. altitude **1.000** mtr, above sea level  
 Comment **3 x PTC 150°C**  
 Cable entries **2 x M50x1,5 + 1 x M20x1,5 (ptc)**

Feature **Cast-iron motor**  
 Weight **216** kg  
 Catalog no. **11536A18D**  
 Warranty **12~18 months**

Efficiency class **N/A**  
 Load data 100% 75% 50% 25%  
 Efficiency **90,0 90,1 88,8 82,7** %  
 Power factor **0,84 0,79 0,68 0,47**

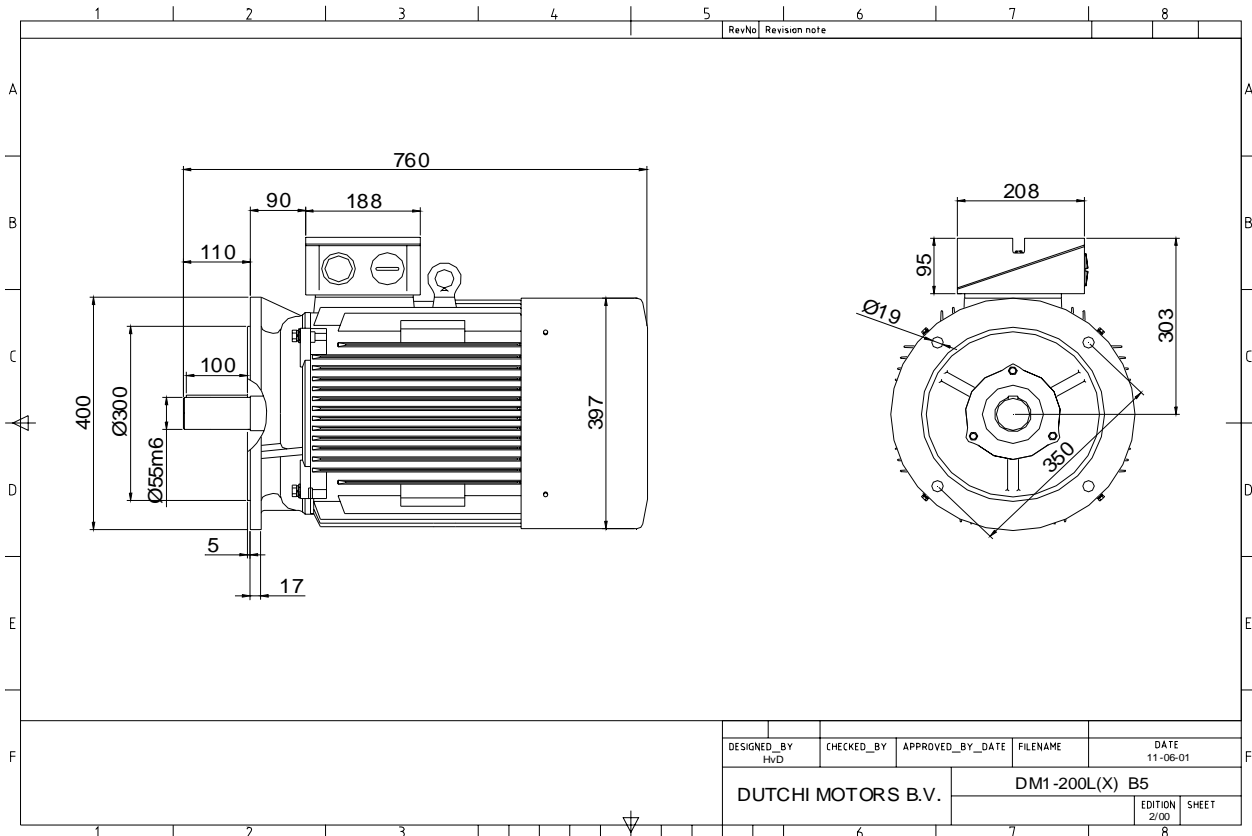
Sound pressure level (1m) **63,1** dB(A)  
 Resistance R20 (open) **0,520** Ω  
 Resistance R20 **Δ 0,347** Ω

Full load torque **181,21** Nm  
 DOL Starting torque vs FL torque **2,09**  
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 DOL Starting current vs FL current **6,74**  
 Star Delta Starting current vs FL current **2,11**  
 Rotor Inertia **0,3020** kgm<sup>2</sup>

Bearing DE **6312 - ZZ C3**  
 Bearing NDE **6312 - ZZ C3**


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Fax : +31-(0)26 - 3541 650		www.dutchi.com	

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Specification **IEC 60034-1**  
 Manufacturer **Dutchi Motors B.V.**  
 Motor type **DM1- 200 L6**  
 Rated power **18,5** kW **S1** duty  
 Speed **975** r.p.m  
 Voltage **400** / **690** V  
 Frequency **50** Hz  
 Connection **Δ** / **Y**  
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 Comment **3 x PTC 150°C**  
 Cable entries **2 x M50x1,5 + 1 x M20x1,5 (ptc)**

Feature **Cast-iron motor**  
 Weight **216** kg  
 Catalog no. **11236A18D**  
 Warranty **12~18 months**

Efficiency class **N/A**  
 Load data 100% 75% 50% 25%  
 Efficiency **90,0 90,1 88,8 82,7** %  
 Power factor **0,84 0,79 0,68 0,47**

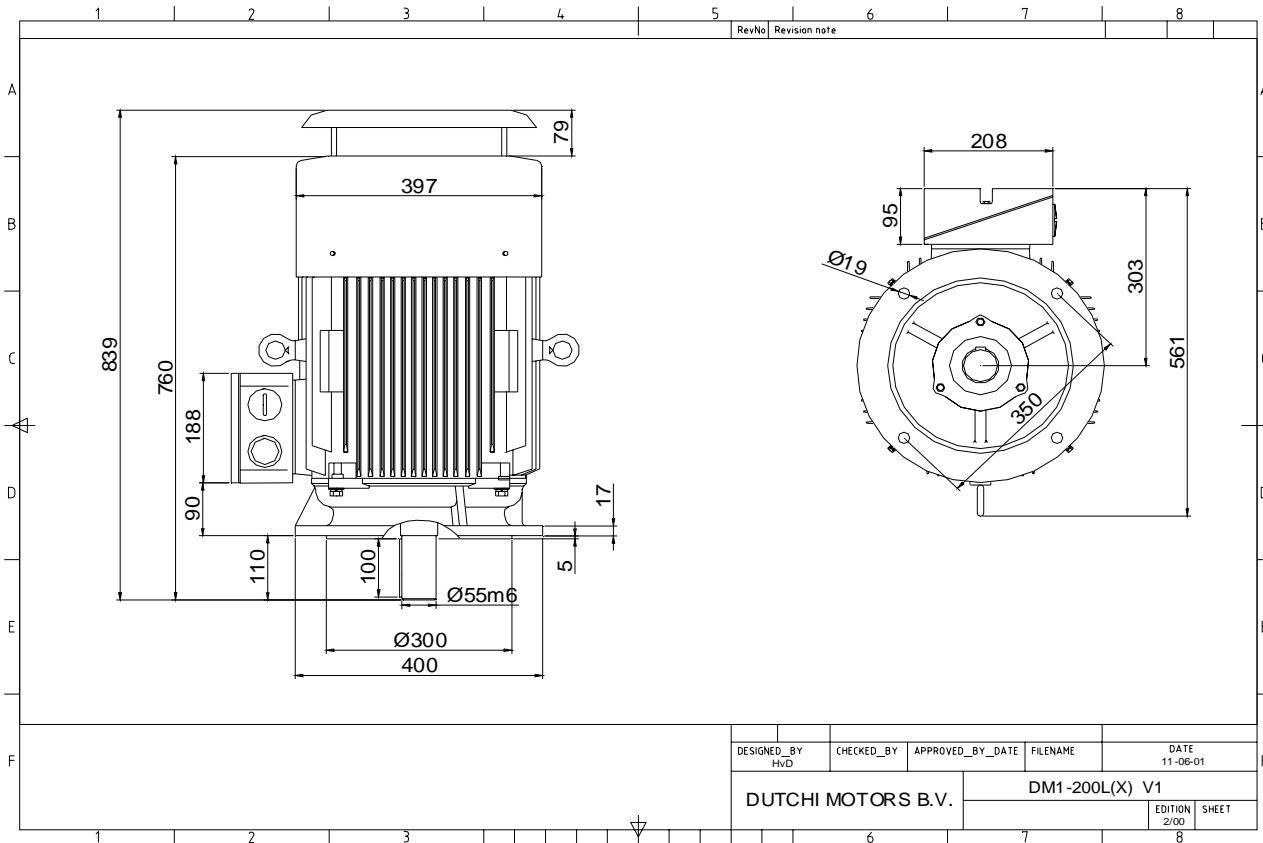
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 Star Delta Starting current vs FL current **2,11**  
 Rotor Inertia **0,3020** kgm<sup>2</sup>

Bearing DE **6312 - ZZ C3**  
 Bearing NDE **6312 - ZZ C3**


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dutchi.motors@dutchi.nl www.dutchi.com			

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